

**NOTICE !**

**ALL DRAWINGS  
ARE LOCATED  
AT THE END OF  
THE DOCUMENT**

000066333

CORRES CONTROL  
LTR NO

K-H Corres #

Originator Ltr Log #

WRS-007-97

97 - RF -

DIST	LTR	ENC
BARTHEL, J.M.		
BENGEL, P.R.		
BENSON, C.A.		
CARMEAN, C.H.		
DAWSON, D		
EDWARDS, J.D.		
FINDLEY, M.E.		
FITZ, R.C.		
GUINN, L.A.		
HUGHES, F.P.		
MCANALLY, J.L.		
POWER, A.P.		
REED, A.B.		
TYSON, A.M.		
WAGNER, M.J.		
WHEELER, M.		

Broussard, M. X X  
Clatfehn, P. X X  
Hoffman, F. X X  
Schubert, B. X X  
Melena, T. X X  
Wood, M. X X

RMRS RECORDS (2) X X

RF CORRES  
CONTROL X X  
TRAFFIC  
PATS/T130G

CLASSIFICATION

UCNI  
UNCLASSIFIED  
CONFIDENTIAL  
SECRET

AUTHORIZED CLASSIFIER  
SIGNATURE

Date  
IN REPLY TO RF CC NO

ACTION ITEM STATUS  
☐ PARTIAL/OPEN  
☐ CLOSED

LTR APPROVALS  
MJD  
ORIG. & TYPIST INITIALS  
WRS AW  
RF-46489 (Rev 1/97)



Rocky Mountain  
Remediation Services, L.L.C.  
protecting the environment

Environmental Technology Site

4  
orado 80402-0464  
(303) 966-7000

March 5, 1997

Marvin Brailsford  
Safeguards, Security, Site Operations, and Integration  
Kaiser-Hill Company, Inc  
Rocky Flats Environmental Technology Site  
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Golden Colorado, 80402-0464

TRAFFIC MANAGEMENT PLAN FOR THE MOUND SITE SOURCE REMOVAL PROJECT -  
WRS-007-97

The purpose of this correspondence is to document approval of the Traffic Management Plan for the Mound Site Source Removal Project by the Traffic Safety Committee on February 26, 1997. This plan (ref attachment A) describes traffic controls that will be in place during site preparation activities, the transportation of excavated soil from the Mound Site to the East Trenches Area for treatment, and the transportation of treated soil back to the Mound Site. Site preparation activities were initiated on March 4, 1997. Excavation activities at the Mound Site are scheduled to begin on March 21, 1997, which is an AWS Friday. All field activities will be performed in accordance with the approved Traffic Management Plan, site specific Health and Safety Plan, and the Integrated Work Control Plan.

If you have any questions, please contact me at extension 5790

Wayne Sproles

Wayne Sproles  
Project Manager  
Rocky Mountain Remediation Services

WRS/aw

cc  
Battalion Chief, RFETS Fire Department, Bldg 331  
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A Sieben, Kaiser-Hill, T130C

1113-A-00022

## **Attachment A**

### **TRAFFIC MANAGEMENT PLAN FOR THE SOURCE REMOVAL AT THE MOUND SITE, IHSS 113**

This traffic management plan describes the approach that will be taken to safely perform the tasks to support the Mound Site Source Removal Project which affect RFETS roadways in the project area. The purpose of the project is to excavate and 400 to 1,000 cubic yards of volatile organic compound (VOC) contaminated soil which is contributing to the degradation of groundwater. The VOC contaminated soil will be transported to and stockpiled in the contaminated soil feed stockpile and then treated using low temperature thermal desorption to remove the VOC contaminants. The treated soil will then be stockpiled in the treated soil stockpile and then transported and back-filled into the excavation. The Mound Site is located east of Protected Area and north of Central Avenue (ref Figure 2). An extension of the Central Avenue ditch culvert is also required to provide site access and to prevent surface water and to limit groundwater from entering the excavation. Traffic controls are designed after the Colorado Department of Transportation's handbook on Work Zone Safety.

#### **Schedule**

The activities affecting plant traffic are the culvert installation/site preparation, the transportation of VOC contaminated soil from the Mound Site to the contaminated soil feed stockpile, and returning the treated soil for backfilling into the excavation. The culvert installation/site preparation activities are scheduled from March 4 through March 14, 1997. The excavation activities are scheduled from March 21 through March 25, 1997. Backfilling activities are scheduled from June 20 through July 3, 1997.

#### **Traffic Controls**

Traffic controls for the culvert installation and road improvements are shown on Figure 1. Shoulder work that will be performed along the north, west bound lane of Central Avenue, is not expected to impact traffic flow. The dirt road leading to the west side of the Sewage Treatment Plant will be closed to traffic during culvert installation and site preparation activities. The paved road on the east side of the Sewage Treatment Plant will remain open to traffic during all field activities. Traffic barricade locations for the dirt road are shown on Figure 1.

Traffic controls for the transport of contaminated soils are shown on Figure 2. During non-peak traffic times, traffic will be diverted to the two south lanes of Central Avenue/East Access Road where the north, west bound lane splits from the two lanes on the south. The north lane will be open before 0800 and after 1500 during normal RFETS work days to address peak traffic flow. Excavation and transport activities are scheduled to begin on March 21, an AWS Friday, and continue through the weekend with the north lane closed from approximately 0730 on March 21 through 1700 on March 23, 1997. During normal work days and non peak traffic hours the north lane will be closed from 0800 to 1500. Access to the Sewage Treatment Plant, Building 995, and the Northeast Perimeter Road will not be blocked except temporarily during movement of a dump truck through those intersections. Flagmen will be stationed as shown on Figure 2.

to ensure safe movement of the dump truck. The dirt road leading to the west side of the Sewage Treatment Plant will also be closed with traffic barricades as shown on Figure 2. Upon completion of excavation activities the excavation site will be secured with a temporary 8 foot high chain link fence.

Traffic controls for the transport of treated soils for backfilling into the excavation are shown on Figure 3. Traffic will be diverted to the two south lanes of Central Avenue/East Access road as described above. As stated above the north lane will be closed from 0800 to 1500 during normal work days. Access to the Sewage Treatment Plant (Building 995) and the Northeast Perimeter Road will not be blocked except temporarily during movement of a dump truck through those intersections. Flagmen will be stationed as shown on Figure 3 to ensure safe movement of the dump truck. The dirt road leading to the west side of the Sewage Treatment Plant will also be closed with traffic barricades as shown on Figure 3.

### **Particulate and Radiological Controls**

Volatile organic, particulate, and radionuclide monitoring will be performed during excavation, the transportation and stockpiling of VOC contaminated soil, soil treatment, and the transportation and backfill of treated soil into the excavation. Monitoring will be performed in accordance with the site specific Health and Safety Plan, IWCP, and the radiological work permit. Dust suppression with water, monitoring wind speed, monitoring vehicle speed, and visual monitoring of the dump truck during transport for any soil spillage will also be performed to minimize the generation of dust during field activities.

Figure 1  
Mound Site  
Traffic Plan for  
Culvert Installation

EXPLANATION

- Flagman
- Road Sign
- Area of shoulder work
- Barricade
- Mound Site Excavation
- Trailers T900C & T900D
- Site Access Improvement Area  
Culvert Extension
- Buildings or other structures
- Lakes and ponds
- Streams, ditches, or other  
drainage features
- Fences
- Paved roads
- Dirt roads

DATA SOURCE:  
Roads, roads, and fences provided by  
Facilities Eng  
EG&G Rocky Flats, Inc. 1991  
Hydrology provided by  
USGS (date unknown)

Scale 1:1480  
not representative approximately 2 feet



State Plane Coordinate Projection  
NAD83  
Datum NAD83

U.S. Department of Energy  
Rocky Flats Environmental Technology Site

Prepared by  
RMRS

Rocky Mountain  
Remediation Services, LLC  
Integrated Remediation Systems Group  
Rocky Flats Environmental Technology Site  
June 2004

MAP ID: 87-0000

March 08, 2007

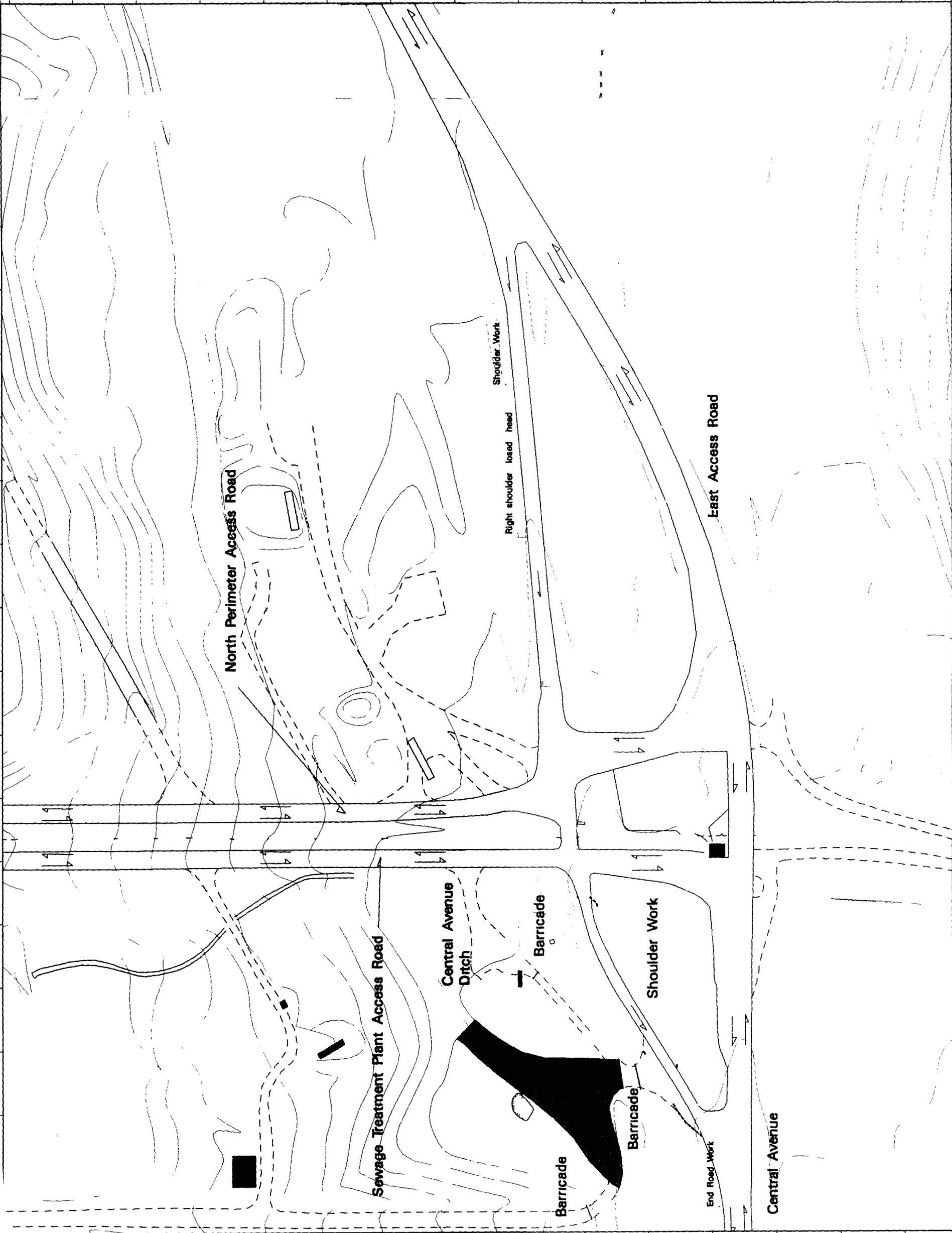


Figure 2  
Mound Site  
Traffic Plan for  
Excavation Activities

EXPLANATION

- Flagman  
Road Sign  
Traffic cones tapered to close off north lane  
Barricade  
Mound Site Excavation  
Trailers T900C & T900D  
Buildings or other structures  
Lakes and ponds  
Streams, ditches, or other drainage features  
Fences  
Paved roads  
Dirt roads

DATA SOURCE:  
Existing roads, and fences provided by  
Facilities Engineering  
EG&G Rocky Flats, Inc. 1991  
Hydrology provided by  
USGS (date unknown)

NOTE

1 Westbound traffic  
A & B between 8:30 a.m. and 5:00 p.m.  
2 Flamingo traffic  
will intersect the  
paved access road  
at the (STP) east  
flow

C & D  
orth  
ew g  
es d  
k traffic

Scale 1:480  
inch represents approximately feet

North Arrow

State Plane Coordinate Projection  
Colorado Central zone  
Datum NAD27

U.S. Department of Energy  
Rocky Flats Environmental Technology Site



Rocky Mountain  
Remediation Services, LLC  
Geographic Information Systems Group  
Rocky Flats Environmental Technology Site  
Boulder, CO 80502-1444

MAP ID: 87-0055

March 19, 1997

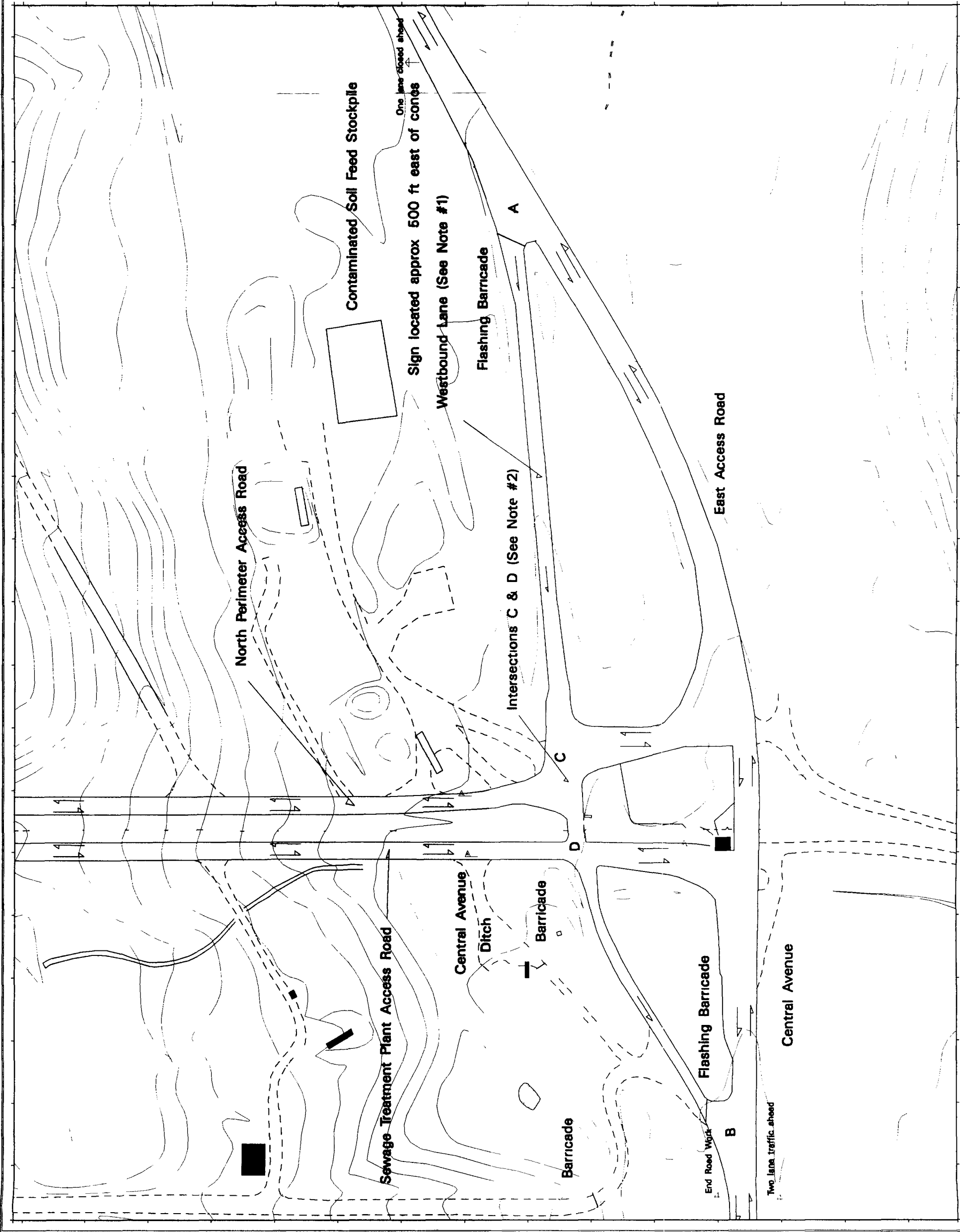


Figure 3  
Mound Site  
Traffic Plan for  
Backfilling Activities

EXPLANATION

- Flagman  
Road Sign  
Traffic cones tapered to close off north lane  
Barricade  
Mound Site Excavation  
Trailers T900C & T900D  
Buildings or other structures  
Lakes and ponds  
Streams, ditches or other drainage features  
Fences  
Paved roads  
Dirt roads

DATA SOURCE:  
Buildings, roads, and fences provided by  
EG&G Rocky Flats, Inc. 1991  
Hydrology provided by  
USGS (date unknown)

NOTE

- 1 Westbound traffic between Junction A & B must stop at the peak of the hill between 8:30 and 9:00 p.m.  
2 Flammable materials and equipment will be placed in the eastbound travel lane (STP) during the evening flow.

Scale  
not representative

Scale  
not representative

Scale  
not representative

U.S. Department of Energy  
Rocky Flats Environmental Technology Site

Prepared by  
RMRS

Rocky Mountain  
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Geographic Information Systems Group  
1000 North 10th Street  
Boulder, CO 80502-0001

MAP ID: 87-0009

March 05, 1997

